

2012 Orphan Well List



Michigan Department of Environmental Quality
Resource Management Division
Office of Oil, Gas and Minerals

Pursuant to Part 616, Orphan Well Fund,
of the Natural Resources and Environmental Protection Act,
1994 PA 451, as Amended

For more information on the Orphan Well Program, please contact:

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2012 ORPHAN WELL LIST

The Orphan Well List (List), prepared by the Department of Environmental Quality (DEQ), Resource Management Division (RMD), Office of Oil, Gas and Minerals (OOGM), is a compiled listing of oil or gas wells scheduled to be plugged and those at which interim response, remedial investigation, remediation, or site restoration should be performed with money from the Orphan Well Fund. The List is arranged in order of priority using the score assessment determined for each well or project. Estimated costs are given for the total cost of each well or project and the cost of each phase of the project (plugging costs, interim responses, etc.). The List also shows the State House and State Senate District in which each well is located. The criteria used to calculate the score and a brief description of column headings are identified below.

The List is divided into three categories of wells: **Category I** wells are known to be leaking oil, gas, and/or brine; **Category II** wells are not known to be leaking, but may have had past leaks or spills, have been incompletely plugged by the operator, or have surface equipment or facilities remaining; and **Category III** wells have been properly plugged but still have remediation needs.

Category I wells are subdivided into three subcategories based on their potential risk to public health, safety, and the environment. The wells are listed in a descending order of priority within each subcategory.

Category IA wells are abandoned oil and gas wells that are leaking significant volumes of gas or that as a result of leaking oil or brine are contaminating the groundwater used for public consumption.

Category IB wells are abandoned oil and gas wells that are leaking oil resulting in contamination of soils, surface water resources, or the groundwater where water wells used for public consumption are not yet contaminated.

Category IC wells are abandoned oil and gas wells that are leaking gas or brine resulting in contamination of soils, surface water resources, or the groundwater where water wells used for public consumption are not yet contaminated.

Category II wells are abandoned, nonleaking wells. These wells may also have been incompletely plugged by the operator or have surface equipment or facilities remaining. Category II wells are then grouped and prioritized by project.

Category III wells have been plugged; however, site remediation has not yet been completed.

Abandoned oil and gas wells that qualify for plugging under Part 616, Orphan Well Fund, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, must be scored prior to being added to the List. All wells are scored (prioritized) utilizing a well assessment program. The well assessment program was developed by the OOGM. This system factors in: presence and type of contaminants in soils or groundwater from spills, potential for future contamination, sensitivity of drinking water supplies, degree to which groundwater is protected by geology, age of the well, presence of hydrogen sulfide gas, potential for public exposure to contaminants, and the environmental sensitivity of the area.

The score values are only applicable within their respective category. All Category I wells have priority over Category II wells. However, special considerations such as assessment of risk and available technology to successfully resolve a situation, the inability to obtain access to the location, or the need to obtain auxiliary permits may necessitate temporarily bypassing a well with a higher score in favor of a well with a lower score.

CATEGORY I WELLS

CATEGORY IA WELLS are leaking significant volumes of gas or that as a result of leaking oil or brine are contaminating the groundwater used for public consumption.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	SCORE	PLUGGING COSTS	INTERIM RESPONSE	REMEDIAL INVEST.	REMEDIAL ACTION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
TOTAL ESTIMATED COSTS:													
TOTAL WELLS: 0													

CATEGORY IB WELLS are leaking oil resulting in contamination of soils, surface water resources, or the groundwater where water wells used for public consumption are not yet contaminated.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	SCORE	PLUGGING COSTS	INTERIM RESPONSE	REMEDIAL INVEST.	REMEDIAL ACTION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Muskegon	653	1929	Damm, Carl & Dollie	C.P. Damm #4	24	>\$750,000	\$15,000	T.B.D.	T.B.D.	T.B.D	>\$765,000	92	34
Arenac	15842	1950	Major, Ervin	Adolph & Marie Hanggi 32	14	\$150,000	\$0	T.B.D.	T.B.D.	T.B.D	\$150,000	97	31
Midland	2076	1934	Turner, Fred	Eugene St. John B #2	19	>\$300,000	\$0	T.B.D.	T.B.D.	T.B.D	>\$300,000	70	36
TOTAL ESTIMATED COSTS:						>\$1,200,000	\$15,000	T.B.D.	T.B.D.	T.B.D	>\$1,215,000		
TOTAL WELLS: 3													

CATEGORY IC WELLS are leaking gas or brine resulting in contamination of soils, surface water resources, or the groundwater where water wells used for public consumption are not yet contaminated.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	SCORE	PLUGGING COSTS	INTERIM RESPONSE	REMEDIAL INVEST.	REMEDIAL ACTION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
TOTAL ESTIMATED COSTS:													
TOTAL WELLS: 0													

CATEGORY II WELLS - PRIORITIZED

CATEGORY II WELLS are not known to be leaking. Projects are delineated by the alternately shaded and nonshaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	PLUGGING COSTS	INTERIM RESPONSE	REMEDIAL INVEST	REMEDIA- TION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Jackson	24425	1962	Mammoth Prod. Corp.	Barton-Dew Unit #1	13	13	\$55,000	\$0	\$0	T.B.D.	\$6,000	\$61,000	64	19
Manistee	50718	1996	MYD, Inc.	Hilliard #1-4B	12	13	\$55,000	\$0	\$0	T.B.D.	\$10,000	\$65,000	101	35
Manistee	N/A	N/A	Manistee Gas LLC	Brown CPF	13	13	PC*	\$0	\$0	T.B.D.	\$125,000	\$125,000	101	35
St. Clair	506	1929	Patterson, BP Trustee	Routley #1	13	13	\$5,000	\$0	\$0	T.B.D.	\$5,000	\$10,000	81	25
Mecosta	12549	1946	Wait, Vincent, & Spence	Bongard & Vincent #1	12	12	\$35,000	\$0	\$0	T.B.D.	\$5,000	\$40,000	102	35
Muskegon	588	1929	Witt & Wyant	Fenner, A.L. #2	13	12	\$15,000	\$0	\$0	T.B.D.	\$15,000	\$30,000	92	34
Muskegon	784	1929	Reliable Oil & Gas Co.	Caleman #1	na	na	PC*	\$0	\$0	T.B.D.	\$5,000	\$5,000	92	34
Muskegon	27986	1970	Wagonmaker, John	Wagonmaker #1	11	12	\$40,000	\$0	\$0	T.B.D.	\$5,000	\$45,000	92	34
Newaygo	36546	1983	Raffaele Exp. & Raffaele Inc.	DeVries #2-27	12	12	PC*	\$0	\$0	T.B.D.	\$10,000	\$10,000	100	34
Missaukee	18521	1953	Calderone-Curran Ranch	Davis, H. Sr. #1	12	12	\$60,000	\$0	\$0	T.B.D.	\$7,000	\$67,000	103	35
Arenac	18409	1953	Collin, C.W.	Templin #1	11	11	\$40,000	\$0	\$0	T.B.D.	\$2,000	\$42,000	97	31
Bay	1016	1930	Eureka Oil Corp	Lambert-Cloverleaf #1	11	11	\$5,000	\$0	\$0	T.B.D.	\$2,500	\$7,500	97	31
Gratiot	1193	1931	Miller & Combs	Rebecca Kerr #1	11	11	\$40,000	\$0	\$0	T.B.D.	\$2,500	\$42,500	93	32
Isabella	471	1929	McCandless, J.	Bufford #1	11	11	PC*	\$0	\$0	T.B.D.	\$5,000	\$5,000	99	33
Otsego	29028	1973	Saba Energy of TX	Leacock, Hubbard Underwood Unit #1	11	11	PC*	\$0	\$0	T.B.D.	\$35,000	\$35,000	105	36
Otsego	44355	1991	Duff Oil Company	Forterra #1-15	na	11	PC*	\$0	\$0	T.B.D.	\$20,000	\$20,000	105	36
Sanilac	966	1930	K-Bar Oil & Gas	Kolodziej #1	11	11	\$2,500	\$0	\$0	T.B.D.	\$5,000	\$7,500	83	31
Tuscola	64	1928	Murphy Oil Co.	Adam Gottler #1	11	11	\$2,500	\$0	\$0	T.B.D.	\$5,000	\$7,500	84	31
Ogemaw	4333	1937	R.E. Gallagher	Vincent, Ellis #1	11	10	\$55,000	\$0	\$0	T.B.D.	\$8,000	\$63,000	103	36
Ogemaw	31207	1976	States Petroleum	Sheppard & Marquieta #1	9	10	\$65,000	\$0	\$0	T.B.D.	\$2,000	\$67,000	103	36

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	PLUGGING COSTS	INTERIM RESPONSE	REMEDIAL INVEST	REME- DI- ATION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Presque Isle	40971	1988	Richland Exploration	Compton #1-14B	8	10	\$50,000	\$0	\$0	T.B.D.	\$4,000	\$54,000	106	37
Presque Isle	40923	1988	Richland Exploration	Kimball #1-11	11	10	\$50,000	\$0	\$0	T.B.D.	\$7,000	\$57,000	106	37
Wexford	N/A	<1931	unknown	Cummer Diggins Location	7	7	\$5,000	\$0	\$0	T.B.D.	\$2,500	\$7,500	102	35
Estimated Costs Remaining:							\$580,000	\$0	\$0	T.B.D.	\$293,500	\$873,500		
Current Number of Category II Orphan Wells:							23							

*PC = Plugging Complete

CATEGORY III WELLS

CATEGORY III WELLS – Sites still require remedial work.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	SCORE	ACTUAL PLUGGING	ACTUAL INTERIM RESPONSE	ACTUAL SITE RESTOR.	TOTAL COSTS TO DATE	ESTIMATED REMEDIAL INVEST.	ESTIMATED REMED.	ESTIMATED FUTURE COSTS	SALVAGE (Income)	STATE HOUSE	STATE SENATE
Allegan	15891	1950	Michigan Pipe Co.	Maude Mesick #1	17	\$27,580	\$0	\$19,374	\$46,953	\$10,000	\$50,000	\$60,000	\$0	88	24
Calhoun	N/A	1970	James Kelly dba Kelly Oil Co.	Miller CTB	13	\$141,282	\$0	\$5,671	\$146,953	\$1,500	\$80,000	\$81,500	\$0	62	19
Gladwin	19368	1955	Lakeland Oil Corp.	Connolly #B-1	23	\$50,420	\$0	\$10,400	\$60,820	\$10,000	\$75,000	\$85,000	\$0	97	36
Gladwin	18112	1953	Lakeland Oil Corp	Kobetich #L-2	25	\$50,420	\$0	\$10,400	\$60,820	\$10,000	\$75,000	\$85,000	\$0	97	36
Isabella	694	1929	Denver Oil Development	Adams #1	36	\$109,951	\$4,981	\$4,998	\$119,930	\$20,000	\$50,000	\$70,000	\$0	99	33
Isabella	1941	1934	Nollem O & G	Thayer, L. # 3	24	\$78,765	\$0	\$11,603	\$90,368	\$20,000	\$80,000	\$100,000	\$0	99	33
Isabella	3628	1937	Nollem O & G	Thayer, L # 5	39	\$60,529	\$0	\$9,331	\$69,860	\$20,000	\$80,000	\$100,000	\$0	99	33
Kent	6056	1939	Bauman, M.H.	Burgess #1	20	\$29,500	0	\$5,300	\$34,800	\$5,000	\$75,000	\$80,000	\$0	74	30
Lake	12767	1946	Byron MacCallum	Lake Co Farm #1	41	\$41,031	\$4,969	\$4,729	\$50,729	\$35,000	\$65,000	\$100,000	\$0	100	35
Manistee	30540	1975	Whitney Oil & Gas Corp.	Hadaway #2-2A	PC*	-	-	-	\$0	\$10,000	\$20,000	\$30,000	\$0	101	35
Montcalm	11919	1945	Kill Drilling Co.	Douglas #1	16	\$40,316	\$0	\$40,268	\$80,584	\$10,000	\$75,000	\$85,000	\$0	70	33
Montcalm	10816	1944	Stewart, Fred	Charnley - Witherall # 1	44	\$39,000	\$0	\$25,900	\$64,900	\$1,500	\$7,000	\$8,500	\$0	70	33
Montcalm	10922	1944	Stewart, Fred	Paris #1	43	\$39,000	\$0	\$7,400	\$46,400	\$1,500	\$7,000	\$8,500	\$0	70	33
Montcalm	27876	1969	Stewart, James	Graham, H. #1	43	\$33,206	\$0	\$9,190	\$42,396	\$50,000	\$150,000	\$200,000	\$0	70	33
Muskegon	92	1928	Continental Motors Corp.	Continental #1	47	\$56,161	\$4,570	\$6,424	\$67,155	\$50,000	\$200,000	\$250,000	\$0	92	34
Muskegon	46	1928	Blue Arrow Petroleum Co	A. Workman #1	39	\$47,018	\$3,172	\$1,369	\$51,559	\$10,000	\$25,000	\$35,000	\$0	92	34
Muskegon	85	1928	Muskegon Oil Corp	H. Heinz #3	38	\$46,086	\$5,111	\$2,746	\$53,943	\$10,000	\$35,000	\$45,000	\$0	92	34
Muskegon	114	1928	W. J. Simon	Reeths #1-D	37	\$69,458	\$11,551	\$5,715	\$86,724	\$20,000	\$50,000	\$70,000	\$0	92	34
Oceana	31691	1977	Simmons, J.	Vander Zanden #2	15	\$45,246	\$0	\$5,882	\$51,128	\$5,000	\$50,000	\$55,000	\$0	100	34
Ogemaw	1281	1932	Leon G. Thompson	Price #1	38	\$151,899	\$1,236	\$9,587	\$162,722	\$50,000	\$150,000	\$200,000	\$0	103	36
Ottawa	20899	1958	J & T Distributing	Kneibel #1	19	\$21,000	\$0	\$5,700	\$26,700	\$5,000	\$50,000	\$55,000	\$0	74	30
Ottawa	20219	1956	J & T Distributing	Neahr #3	19	\$21,000	\$0	\$5,700	\$26,700	\$5,000	\$50,000	\$55,000	\$0	74	30
Ottawa	7051	1939	J & T Distributing	Sims #1	19	\$21,000	\$0	\$5,700	\$26,700	\$5,000	\$50,000	\$55,000	\$0	74	30
Estimated Costs Remaining:						\$1,219,868	\$35,590	\$213,387	\$1,468,844	\$364,500	\$1,549,000	\$1,913,500	\$0		
Total Category III Sites Remaining: 23															

*PC = Plugging Complete